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- 1.The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- 1-48,65,68-75
 2.This communication is not the international search report which will be established according to Article 18 and Rule 43.
- 3.If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
- 4.If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 853 962 A (BROCKMAN ROBERT T) 1 August 1989 (1989-08-01) abstract column 1, line 61 -column 5, line 39 figures 3-7,9,10	1-10, 17-20, 25, 29-32, 34-41, 65,68-72
X A	US 5 414 771 A (FAWCETT JR KENNETH J) 9 May 1995 (1995-05-09) abstract column 4, line 4 -column 11, line 45; figures 1,2	68-75 2,18-20, 25-28, 30-32
Y A	US 5 003 596 A (WOOD MICHAEL C) 26 March 1991 (1991-03-26) abstract column 7, line 1 -column 15, line 57; figures 2,3,8-11	11 1,10

۰	Special	categories	Ωſ	cited	documents	

[&]quot;A" document defining the general state of the art which is not considered to be of particular relevance

[&]quot;E" earlier document but published on or after the international filing date

L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

[&]quot;P" document published prior to the international filing date but later than the priority date claimed

[&]quot;T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

[&]quot;X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

[&]quot;Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

[&]quot;&" document member of the same patent family



INVITATION TO PAY ADDITIONAL FEES

International application No.

PCT/US 03/23473.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-48,65,68-75

Apparatus, method and program storage device for encrypting/decrypting data using a plurality of encryption tables, a plurality of selection tracks, a track mixer and an encryption/decryption module. Pseudo-random generator comprising a selection track generator and a track mixer.

2. Claims: 49-59,60-64,66-67

Apparatus, method and program storage device for automatic set up of an encryptor/decryptor on an apparatus or for the authentication of an apparatus, wherein the apparatus has an identification code unique to the apparatus and a setup file associated with the identification code.

Document US4853962 represents the closest prior art with respect to the first group of claims (subject 1) and discloses a method for encrypting data, wherein several values are combined to generate an index number which is used to select an encryption table from a plurality of encryption tables. This document discloses or at least renders obvious all the features of independent claim 1 and dependent claims 2-10. Dependent claim 11 lacks an inventive step over the combination of the teachings of US4853962 and US5003596.

Document US4853962 does not disclose any of the additional features of dependent claim 12. The objective problem solved by claim 12 can be regarded as how to access to the selected encryption tables and to the corresponding inverse tables.

The special technical feature of claim 12 can therefore be seen as associating the encryption tables with table location addresses, the inverse tables having table location addresses a predetermined amount offset from that of the corresponding encryption tables.

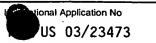
The objective problem solved by the second group of claims (subject 2) is to establish a secure communication between an apparatus and another party setting up or authenticating this apparatus. The potential special technical feature of the second group of claims can therefore be seen as retrieving a setup file corresponding to the identification code of the apparatus from a database of setup files and encrypting data to be transmitted to the apparatus using the retrieved

There are no features in the claimed inventions, which can be seen as common or corresponding special technical features within the meaning of Rule 13(2) PCT. Hence, the application does not meet the requirements of unity of invention as defined in Rule 12(1) and (2) PCT.

setup file.

Patent Family Annex

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	itent document in search report		Publication date		Patent family member(s)	Publication date
US	4853962	Α	01-08-1989	NONE	· · · · · · · · · · · · · · · · · · ·	
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